Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 03 Sep 2020 until 23:59 on Friday 04 Sep 2020

Forecast Issued on Thursday 03 Sep 2020 at 00:31

Confidence: High confidence for rather changeable weather to end the week and into the weekend. Turning rather cool.

Headline for Thursday 03 Sep 2020: Cloudy with some rain at times and cloud covering summits.

Mountain weather hazards on Thursday 03 Sep 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
80%	40%	20%	10%	10%	10%

Forecast for Thursday 03 Sep 2020

Weather: Starting misty and wet with strong south-westerly winds and cloud covering summits. Turning drier and brighter by late morning with some sunny spells, and cloud bases lifting. Slight chance of some afternoon showers, and these may continue into the evening period.

Chance of cloud free mountain/hill tops above 600m: 0% to start Thursday becoming 70% by late morning and 80 to 100% for the afternoon and evening.

Visibility: Moderate or poor on Thursday morning and very poor across summits. Good visibility by late morning, but becoming moderate in and near any showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 03 Sep 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/29 SW	20/27 W	21/29 W	21/29 W	17/25 W	18/27 SW	17/25 SW
300	16/23 SW	14/20 W	16/24 W	15/24 W	11/19 W	14/23 SW	13/21 SW
Valley	11/23 SW	11/21 W	12/24 W	14/28 W	10/23 W	8/21 SW	7/19 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/10	11/8	12/9	13/9	12/9	10/7	10/6
300	16/13	14/11	15/12	15/13	15/13	13/10	12/10
Valley	16/15	14/13	16/14	16/14	15/13	13/11	12/11
Freezing Level*	3300m	2300m	2200m	2200m	2000m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds will be strongest across summits and exposed ridges with gusts 40mph, possibly reaching 45mph overnight.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 03 Sep 2020	8.2mm	8.2mm	8.2mm

Forecast for Friday 04 Sep 2020

Weather: Mostly cloudy in the early hours of Friday with a continuing risk of a few rain showers, these quite heavy. These should be mainly light in intensity. Winds west or southwest with gusts reaching around 30 mph across summits. Little change through the day with some brighter spells, and feeling quite pleasant by afternoon in the valleys, away from showers.

Maximum wind: West or Southwest with gusts reaching 30 mph.

Chance of cloud free mountain/hill tops above 600m: 70 to 100% but overnight near any showers this will reduce to 40%.

Visibility: Good or very good visibility for much of the day but reducing to moderate in and near any showers.

Temperature: **Valleys:** Plus 9 degrees Celsius becoming plus 16 degrees Celsius.
At 600m: Plus 8 degrees Celsius becoming plus 12 degrees Celsius.
Freezing level: Well above the summits.

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